Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 09/993,894              | JAVIDI ET AL.                           |
| Examiner                | Art Unit                                |
| Minh Dinh               | 2132                                    |

| <b>√</b> | Rejected | - | (Through numeral<br>Cancelled |
|----------|----------|---|-------------------------------|
| =        | Allowed  | + | Restricted                    |

| N | Non-Elected  |  |
|---|--------------|--|
| _ | Interference |  |

| A | Appeal <sub>.</sub> |
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| 0 | Objected            |

| Claim             | Date     |           |               |                         |                         |                         |         | ]                       | CI     | aim | Date |       |          |   |        |        |           |        | CI     | aim              | Date     |    |              |          |        |        |        |          |        |          |          |          |          |
|-------------------|----------|-----------|---------------|-------------------------|-------------------------|-------------------------|---------|-------------------------|--------|-----|------|-------|----------|---|--------|--------|-----------|--------|--------|------------------|----------|----|--------------|----------|--------|--------|--------|----------|--------|----------|----------|----------|----------|
| -                 | <b>"</b> | ٦,        | J             | Т                       | T                       | Т                       |         | Г                       | Γ      | Γ   |      |       |          | Γ | Π      | _      |           | П      | Т      | T                | Т        | 1  |              |          | T      |        |        | I        |        |          | П        |          |          |
| Final<br>Original | 10/24/DR | 77/21/17  | 3             |                         |                         | - [                     | ĺ       |                         |        |     |      | Final | Original | 1 |        |        |           |        | -      |                  |          |    | Final        | Original |        |        |        | l        |        |          | -        |          |          |
| [ 문 ] 원           | 18       | E         | 3             | 1                       |                         | - 1                     |         |                         |        | ı   |      | ij.   | 꽃        |   |        |        |           |        | ı      |                  | 1        |    | i            | 꽃        |        |        |        | l        |        |          |          | i        |          |
|                   | -        | 13        | 8             |                         |                         |                         |         |                         |        |     |      |       | U        |   |        | l .    |           |        |        |                  |          |    |              | 0        | 1      |        |        | ł        |        |          |          | , ,      |          |
| 1                 | 7        | 1         | 1             | m I                     |                         | $\Box$                  |         |                         |        |     | ]    |       | 51       |   |        |        |           |        |        | $\Box$           | T        | 1  |              | 101      |        |        |        |          |        |          | $\Box$   |          |          |
| 2                 |          | L         | ${\mathbb T}$ | Т                       | Т                       | $\Box$                  |         |                         |        | Г   |      |       | 52       |   |        |        |           |        |        |                  | Т        |    |              | 102      |        |        | Г      |          |        |          | П        |          |          |
| 3                 | П        | П         | I             | T                       | $\Box$                  | T                       |         |                         |        |     | ]    |       | 53       |   |        |        |           |        |        |                  |          |    |              | 103      | T      |        |        |          |        |          |          |          |          |
| 4                 | П        |           | Τ             | П                       |                         | Т                       |         |                         |        | Γ   | 1    |       | 54       | Γ |        |        |           |        | Т      |                  | 7        | 1  |              | 104      | 1      | 1      |        | _        |        |          |          |          |          |
| . 5               |          | П         | Т             | Т                       | Т                       | $\neg$                  |         |                         |        |     |      |       | 55       |   |        |        |           |        | Т      |                  | ╗        |    |              | 105      |        |        |        |          |        |          |          |          |          |
| 6                 |          | $\Pi$     | Ι             | T                       | T                       | $\Box$                  |         |                         |        |     | ]    |       | 56       |   |        |        |           |        | $\Box$ |                  |          | 1  |              | 106      | Г      |        |        |          |        |          | $\Box$   |          |          |
| 7                 |          |           | Ι             | T                       | $\perp$                 |                         |         |                         |        |     |      |       | 57       |   |        |        |           |        |        | Т                | $\top$   | 1  |              | 107      |        | П      |        |          | П      |          | П        | $\Box$   |          |
| 8                 |          | $\Pi$     | Ι             | T                       | $\perp$                 | $\square$               |         |                         |        |     |      |       | 58       |   |        |        |           |        |        | Т                |          |    |              | 108      |        |        |        |          |        |          | $\Box$   |          |          |
| 9                 |          | П         | $\mathbf{I}$  | $\perp$                 | П                       |                         |         |                         |        |     |      |       | 59       |   |        | .      |           |        |        | $oldsymbol{	op}$ |          | ]  |              | 109      |        |        |        |          |        |          |          |          |          |
| 10                |          | $\Box$    | Ι             |                         | $\perp$                 | T                       |         |                         |        |     |      |       | 60       |   |        |        |           |        | $\Box$ |                  |          |    |              | 110      |        |        |        |          |        |          | $\Box$   |          |          |
| 11                |          | П         | Ι             |                         |                         |                         |         |                         |        |     |      |       | 61       |   |        |        |           | T      | T      | $\Box$           | T        | 1  |              | 111      | I      |        |        |          |        |          | ·        |          |          |
| 12                |          | $\prod$   | Ι             | Ι                       | Ι                       | I                       |         |                         |        |     |      |       | 62       |   |        |        |           |        |        |                  |          |    |              | 112      |        |        |        |          |        |          |          |          |          |
| 13                |          | $\prod$   | Γ             | $\mathbf{J}$            | $\perp$                 | $\Box$                  |         |                         |        |     |      |       | 63       |   |        |        |           |        | $\Box$ |                  | $\Box$   |    |              | 113      |        |        |        |          |        |          |          |          |          |
| 14                |          | $\coprod$ | Ι             | $oldsymbol{\mathbb{T}}$ | $\mathbf{I}$            | $\Box$                  |         |                         |        |     |      |       | 64       |   |        |        |           |        | $\Box$ |                  | $\Box$   | ]  |              | 114      |        |        |        |          |        | П        | $\Box$   |          |          |
| 15                |          | $\Box$    | I             | $\perp$                 | $\perp$                 | $\square$               |         |                         |        |     |      |       | 65       |   |        |        |           |        |        | Т                |          | 1  |              | 115      |        |        |        |          |        |          |          |          |          |
| 16                | 7        | V         |               |                         |                         |                         |         |                         |        |     |      |       | 66       |   |        |        |           |        | Т      |                  |          |    |              | 116      |        |        |        |          |        |          |          |          |          |
| 17                |          | $\Gamma$  | Ι             |                         |                         | $\Box$                  |         |                         |        |     |      |       | 67       |   |        |        |           |        | T      |                  | 1        |    |              | 117      |        |        |        |          |        |          |          |          |          |
| 18                |          | П         | I             | Ι                       | Т                       |                         | T       |                         |        |     |      |       | 68       |   |        |        |           |        | $\neg$ |                  | $\top$   | 11 |              | 118      |        |        |        |          |        |          |          | _        |          |
| 19                |          | Т         | Τ             | Т                       | Ţ                       | Т                       | T       |                         |        |     |      |       | 69       |   |        |        |           | ヿ      | T      | 7                | 1        | 1  |              | 119      |        |        |        |          |        |          |          | $\neg$   |          |
| 20                |          | Τ         | ${\mathbb T}$ |                         | Τ                       | Т                       | T       |                         |        |     |      |       | 70       |   |        |        |           |        | 十      | $\top$           | 1        |    |              | 120      |        |        |        |          |        | П        |          | $\neg$   |          |
| 21                |          |           | Τ             |                         | Т                       | Т                       |         |                         |        |     |      |       | 71       | П |        | $\neg$ |           | $\neg$ |        |                  |          |    |              | 121      |        |        |        |          |        |          |          | $\neg$   |          |
| 22                |          | Г         |               | Т                       | Т                       | Т                       | П       | П                       |        |     |      |       | 72       | П |        |        |           |        | T      | T                |          |    |              | 122      |        | П      |        |          |        |          |          | ╗        |          |
| 23                |          | Τ         | Т             | Т                       | Т                       | Т                       | П       | $\neg$                  |        |     |      |       | 73       | П |        | $\neg$ |           | $\neg$ | $\top$ | $\top$           |          |    |              | 123      |        |        |        |          |        |          |          | ᅥ        |          |
| 24                |          | Т         | Τ             |                         | Τ                       | Т                       | П       | $\neg$                  |        |     |      |       | 74       |   |        | $\neg$ |           |        | $\top$ | 7                | _        |    |              | 124      | _      |        |        |          |        |          | _        | ╛        |          |
| 25                |          | Т         | Т             | Т                       | T                       | 7                       |         | $\neg$                  |        |     |      |       | 75       | П |        |        |           |        | 1      | $\top$           | $\top$   |    |              | 125      |        |        |        |          |        |          |          | 7        |          |
| 26                | 4        | V         | Τ             | Т                       | Т                       | Т                       |         | $\neg$                  |        |     |      |       | 76       |   |        | $\neg$ | $\neg$    | $\neg$ | $\top$ | $\top$           | 1.       |    |              | 126      |        | Н      |        |          |        |          | 一        | 7        |          |
| 27                | 1        | V         | T             | T                       | Т                       | ┰                       |         |                         |        |     |      |       | 77       |   |        | ╛      | $\neg$    | _      | 十      | +                | +-       |    |              | 127      |        |        |        |          |        |          | 十        | 7        | _        |
| 28                | П        | V         | 1             | Т                       | Т                       | Т                       | П       |                         |        |     |      |       | 78       |   |        | 一      | $\neg$    | 寸      | 7      | 1                | 1        |    |              | 128      |        |        |        |          |        |          | 7        | ╛        |          |
| -20-              | Т        | Γ         | Т             | T                       | Т                       | $\top$                  | ╗       |                         | $\neg$ |     |      |       | 79       |   |        | $\neg$ | ᄀ         | _      | 7      | $\top$           |          |    | $\neg$       | 129      |        |        |        |          |        |          | $\dashv$ | ᅥ        |          |
| 30-               | T        | Т         | Т             | Т                       | T                       | $\top$                  | $\neg$  |                         |        |     |      |       | 80       |   |        | $\neg$ |           |        | 7      | 十                | 1        |    |              | 130      |        |        |        |          | _      | _        | 一        | 7        | ╗        |
| 31                | Т        | V         | 7             | Т                       | Т                       | Т                       | ╗       | T                       |        |     |      |       | 81       |   | $\neg$ | ヿ      | $\neg$    | _      | 7      | +                | 1        |    |              | 131      | П      |        | $\neg$ | $\neg$   |        |          | 一        | ┪        | ┪        |
| 32                | T        | V         | Т             | T                       | Τ                       | Т                       | 7       | _                       | $\neg$ |     |      |       | 82       |   |        | 7      | $\neg$    | _      | 1      | _                | 1        |    |              | 132      |        | $\Box$ | _      | $\neg$   | $\neg$ | $\dashv$ | ╅        | ┪        | ᅥ        |
| 33                | T        | V         | Т             | Т                       | Т                       | Т                       | Т       | 7                       |        |     |      |       | 83       | П | _      | ╗      |           | 一      | +      | _                | 1        |    |              | 133      | П      | $\Box$ |        |          |        |          | 一        | ┪        | ┪        |
| 34                | T        | V         | Γ             | Ι                       | T                       | T                       | Ţ       |                         |        |     |      |       | 84       |   |        |        | $\dashv$  | _      | 1      | +                | $\top$   |    |              | 134      | П      |        | $\neg$ |          |        |          | 7        | ┪        | ᅥ        |
| 35                | 4        | V         | Ί             | Γ                       | I                       | floor                   | T       | $\neg$                  |        |     |      |       | 85       |   |        | $\neg$ |           | 7      | 十      | +                | 1        |    |              | 135      | П      | $\Box$ | $\neg$ | $\neg$   | $\neg$ |          | _        | ┪        | $\dashv$ |
| 36                |          |           |               | Ι                       | I                       | Τ                       | T       |                         |        |     |      |       | 86       |   | $\neg$ | T      | -1        | 十      | +      | ┪                | $\top$   |    | <del>-</del> | 136      | П      | $\Box$ | $\neg$ | $\dashv$ |        | $\neg$   | $\dashv$ | ヿ        | ᅥ        |
| 37                | Ξ        | Γ         | Γ             | Γ                       | $oldsymbol{\mathbb{T}}$ | T                       | T       |                         |        |     |      |       | 87       |   | $\neg$ | $\neg$ | 7         | 一      | 7      | 十                | 1        |    |              | 137      | П      | $\Box$ |        |          | $\neg$ |          | 一        | 7        | ᅦ        |
| 38                |          |           |               | I                       | I                       | T                       | T       |                         |        |     |      |       | 88       |   | 7      | $\neg$ | 7         | 寸      | 7      | 1.               | 1        |    |              | 138      | П      |        |        | $\neg$   |        | $\dashv$ | 7        | $\dashv$ | ᅥ        |
| 39                |          |           | Γ             | $\mathbf{I}$            | I                       | I                       | I       |                         |        |     |      |       | 89       |   |        |        | _         | 7      | _      | 7                | 1        |    |              | 139      |        |        |        |          |        | $\neg$   | $\dashv$ | $\dashv$ | ᅱ        |
| 40                |          | Г         | Γ             | I                       | I                       | I                       | I       |                         |        |     |      |       | 90       |   |        |        | 7         | 十      | 7      | 7                | 1        |    |              | 140      |        | $\neg$ |        |          | ╗      | $\dashv$ | $\dashv$ | 7        | _        |
| 41                |          |           |               | Ι                       | Ι                       | J                       |         | $\Box$                  | $\Box$ |     |      |       | 91       |   |        | 1      | 7         | 十      | +      | 1                | $\top$   |    |              | 141      | М      | $\Box$ | $\neg$ | 7        | $\neg$ | $\dashv$ | 寸        | 7        | 7        |
| 42                |          |           | Γ             | $oldsymbol{\mathbb{L}}$ | $\perp$                 | $\mathbf{J}$            |         |                         |        |     |      |       | 92       |   |        |        |           |        | $\top$ | 7                | 7        |    |              | 142      |        |        |        |          | $\neg$ |          | 十        | 7        | _        |
| 43                |          |           | Γ             |                         | I                       | $\mathbf{I}$            | J       | ┚                       |        |     |      |       | 93       |   |        |        |           |        | $\top$ | 7                | 1        |    |              | 143      |        |        |        |          |        | _        | 7        | 7        | $\neg$   |
| 44                |          |           | $\Box$        | $\Gamma$                | L                       | $oldsymbol{\mathbb{L}}$ | I       | $\Box$                  |        |     |      |       | 94       |   |        | 一      |           |        | $\top$ | T                | <u> </u> |    |              | 144      |        |        |        |          | _      | _        |          | 7        | ┪        |
| 45                |          | Γ         | Γ             | I                       | I                       | Г                       | I       | I                       |        |     |      |       | 95       |   |        |        | $\Box$    | ┪      | $\top$ | 7                | T        |    |              | 145      |        |        | $\neg$ |          | _      | _        | 7        | $\dashv$ | ╗        |
| 46                |          |           | Ŀ             | $\Gamma$                |                         |                         | $\int$  | $\Box$                  |        |     |      |       | 96       |   |        | $\Box$ |           |        | 1      | T                | 1        |    |              | 146      |        |        |        |          | _      |          | 十        | $\dashv$ | П        |
| 47                |          | Ĺ         | Ĺ             | $\perp$                 | L                       | Ι                       | floor   | $oldsymbol{\mathbb{I}}$ | $\Box$ |     | [    |       | 97       |   |        |        |           |        |        |                  |          |    | $\Box$       | 147      |        |        | $\neg$ |          |        |          | $\neg$   | $\dashv$ | $\neg$   |
| 48                |          | Ĺ         | $\Box$        | Ŀ                       | I                       | $\perp$                 | I       | $\Box$                  |        |     |      |       | 98       |   |        |        | 1         | $\neg$ | 1      | T                | T        |    |              | 148      | $\Box$ |        |        | 一        | $\neg$ | $\neg$   | 丁        | 7        | $\neg$   |
| 49                |          |           | Γ             | L                       | $\perp$                 | $\perp$                 | I       | $\Box$                  | $\Box$ |     |      |       | 99       |   |        |        | $\exists$ | $\neg$ | $\top$ | $\top$           | $\top$   |    |              | 149      |        |        |        | ╗        | _      | $\neg$   | 十        | $\dashv$ | ┪        |
| 50                |          |           | Ĺ             | 丄                       | 上                       | $\perp$                 | $\perp$ | $\bot$                  | $\Box$ |     | ···[ |       | 100      |   |        | T      | $\supset$ | $\Box$ | T      | Τ                | T        |    |              | 150      |        |        |        |          |        |          | 十        | $\neg$   | ヿ        |